

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY



Superfund Bulk Cooperative Agreement

V-01F52401

**Work Plan and Budget Amendment Application for FY 2020
Management Assistance and CORE Program Elements**

June 2019

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SUPERFUND BULK COOPERATIVE AGREEMENT WORK PLAN and BUDGET FY 2020

Background and Purpose

Introduction

The Louisiana Department of Environmental Quality (LDEQ) received financial assistance from the U.S. Environmental Protection Agency (EPA) to fund the Superfund Bulk Management Assistance and CORE Program for Federal Fiscal Year 2019. This funding, awarded September 21, 2018, supports the administrative and remedial processes to undertake planning and implementation actions regarding potential Superfund sites and sites that are, or have been, on the National Priorities List (NPL). The administrative, programmatic, and financial management functions conducted with this award ensure that LDEQ continues to clean up the hazardous substance sites that are found to pose hazards to human health and/or effectively implement the statutory requirements of CERCLA 121(f) which mandates substantial and meaningful State involvement. This Cooperative Agreement contributes to the attainment of environmental outcomes under IFMS Program Results Code (PRC) 000DD2 as noted in EPA's Strategic Plan, Goal 1 - Core Mission: Deliver real results to provide Americans with clean air, land, and water, and ensure chemical safety; Objective 1.3 – Revitalize Land and Prevent Contamination: Provide better leadership and management to properly clean up contaminated sites to revitalize and return land back to communities.

The Superfund Bulk CA supports both Management Assistance (MA) and CORE Activities of the LDEQ Superfund Program.

Project and Budget Period

LDEQ's current FY 2019 cooperative agreement (V-01F52401) has a project and budget period of one year (October 1, 2018 – September 30, 2019). An amendment, submitted to EPA on May 13, 2019, amendment extended the original FY 2019 project period to include FY 2020, FY 2021, and FY 2022 (October 1, 2018 – September 30, 2022).

Project and Budget Period Cost

Louisiana's Superfund Bulk Cooperative Agreement application for FY 2019 requested \$80,798 in federal funding for management assistance and \$51,720 for CORE (\$46,548 federal; \$5,172 state match) to be used to during the project period of October 1, 2018 through September 30, 2019. The award was approved by EPA Region 6 on September 21, 2018 and was effective October 1, 2018. The Total Project Period Cost is \$132,518. The incremental amount awarded in the September 21, 2018 action was \$33,130 in federal funding with a state contribution of

\$5,172. The state contribution represents the entire state match for this agreement. A second incremental award is anticipated to be awarded by EPA in June 2019 in the amount of \$94,216 (100% federal), bringing the amount awarded for FY to \$132,518 (\$127,346 Federal; \$5,172 State match).

It is the intention of LDEQ to submit requests for additional funding to support LDEQ's work plan activities each year of the time extension, beginning with this request for additional funding for both Management Assistance and CORE activities for FY 2020. The work plan will also be updated each year. This request will increase the current ceiling by \$180,060 (\$168,675 Federal; \$11,385 State match).

Table 1. Summary of Current and Requested Funding for the Superfund Cooperative Agreement (V-01F52401)

Funding Type	Application Budget (FY 2019)	Awarded to Date (FY 2019)	Application Balance (yet to award) (FY 2019)	Additional Funding Requested (FY 2020)	Total Revised CA Budget (FY 2020)
MA (100% Federal)	\$ 80,798	\$ 20,200	\$ 60,598	\$ 66,206	\$ 147,004
CORE (90% Federal)	46,548	12,930	33,618	102,469	149,017
CORE (State Match 10%)	5,172	5,172	0	11,385	16,557
TOTAL	\$ 132,518	\$ 38,302	\$ 94,216	\$ 180,060	\$ 312,578

Superfund Bulk Cooperative Agreement Work Plan and Budget For FY 2020

The LDEQ Remediation Division (RD) proposes to use the budget outlined below to continue this work plan through September 30, 2020 for the CORE and Management Assistance (MA) Program elements. Commitments in this work plan are subject to change based on significant priority changes by the EPA and availability of federal funds awarded by the EPA.

Table 2. Summary of Additional Funding Requested for FY 2020, Management Assistance (Pipeline) and CORE

Budget Category	MA Pipeline	MA Special Account (Gulf Coast Vacuum)	CORE	Total Additional Funding Requested
Personnel	\$ 22,809	\$ 554	\$ 38,079	\$ 61,442
Fringe (50.35%)	11,486	279	19,173	30,938
Travel	2,130	0	20,900	23,030
Equipment	0	0	0	0
Supplies	0	0	0	0
Contractual	7,045	0	0	7,045
Construction	0	0	0	0
Other (Operating Services)	0	0	0	0
Direct Costs	43,470	833	78,152	122,455
Indirect costs (62.36%; effective 7/1/19)	21,384	519	35,702	57,605
TOTAL	\$ 64,854	\$ 1,352	\$ 113,854	\$ 180,060
Amount Federal	\$ 64,854	\$ 1,352	\$ 102,469	\$ 168,675
Amount State Match (10% CORE)	0	0	\$ 11,385	\$ 11,385

Management Assistance Program Element Work Plan for FY 2020

Management assistance activities support EPA's and LDEQ's goal to preserve and restore land and clean up contaminated properties to reduce risks posed by releases of harmful substances. Management assistance activities contribute to controlling risks to human health and the environment by ensuring that selected remedies address and mitigate the impact of accidental or intentional releases, and clean up and restore contaminated sites or properties to appropriate clean-up levels and allow for reuse of the land. The Management Assistance Section provides a scope of work and budget for work conducted for management assistance tasks as provided in Sections 105(b) and (d) or CERCLA as amended by the Superfund Amendments and Reauthorization Act (SARA). LDEQ is requesting \$65,901 (including \$1,353 Special Account Funding) in new federal funding for Management Assistance tasks through September 30, 2020.

Sites and Approximate Funding per Site

The proposed federal funding for the sites listed in Table 3 will allow LDEQ staff to assist EPA with the tasks specified below during FY 2020 (October 1, 2019 through September 30, 2020).

Table 3. Total Funding to Support LDEQ Work Plan Activities for Management Assistance (MA) for Sites for FY 2020 (100% Federal)

Budget Category	MA Pipeline	MA Special Account (Gulf Coast Vacuum)	Total Additional MA Funding Requested
Personnel	\$ 22,809	\$ 554	\$ 23,363
Fringe (50.35%)	11,486	279	11,765
Travel	2,130	0	2,130
Contractual	7,0475	0	7,045
Direct Costs	43,470	833	44,303
Indirect costs (62.36%; effective 7/1/19)	21,384	519	21,903
TOTAL	\$ 64,854	\$ 1,352	\$ 66,206
Amount Federal	\$ 64,854	\$ 1,352	\$ 66,206
Amount State Match	0	0	0

Table 4. Total Personnel Funding to Support LDEQ Work Plan Activities for Management Assistance by Site for FY 2020 (100% Federal) (Includes a Special Account Site)

Superfund Site Name	FTEs	Total MA Funding Needed for Personnel for FY 2020*
Agriculture Street Landfill	0.0086	\$ 401
American Creosote - DeRidder	0.0240	2,305
American Creosote - Winnfield	0.0173	1,660
Calcasieu Estuary	0.0058	553
Central Wood Preserving	0.0077	496
Cleve Reber	0.0096	922
Colonial Creosoting	0.0385	1,847
D. L. Mud	0.0115	554
Delta Shipyard	0.0288	1,385
Devil's Swamp Lake	0.0385	3,688
Dutchtown	0.0115	673
EVR-Wood	0.0288	2,766
Gulf Coast Vacuum**	0.0115	554
Gulf States Utilities/North Ryan St.	0.0154	1,034
Marion Pressure Treating	0.0115	623
Pab Oil	0.0115	554
Petro Processors	0.0115	1,106
SBA Shipyard	0.0385	2,242
Total Management Assistance for FY 2020	0.3305	\$ 23,363

* includes personnel costs only

** Gulf Coast Vacuum is the Special Account Funding site

Tasks

The LDEQ Remediation Division (RD) will perform site-related work in conjunction with the EPA Region 6 technical staff for investigation and remediation of Superfund sites in Louisiana. These tasks include, but are not limited to:

- Superfund site inspections (all 18 sites);
- Review and assistance with EPA site documents and publications (all 18 sites);
- Review and collaboration with Region 6 technical staff on Remedial Investigation/ Feasibility Study (RI/FS) project execution and oversight, and use of resulting data

(Devil's Swamp Lake, EVR-Wood Treating, Delta Shipyard, Colonial Creosoting, and SBA Shipyard);

- Collaboration with Region 6 technical staff on the remedial design and implementation at American Creosote - Winnfield and Marion Pressure Treating;
- Review and collaboration with Region 6 technical staff on remedy enhancement through substrate injection, groundwater treatment, and additional modeling and risk assessment at Petro Processors;
- Review and collaboration with Region 6 technical staff on continued investigation of site remediation alternatives and decision making, project execution and oversight, use of resulting data, Record of Decision (ROD) development and Remedial Design (RD) development (American Creosote - Winnfield, Devil's Swamp Lake, EVR-Wood Treating, and Marion Pressure Treating);
- Collaboration with Region 6 on Five Year Reviews, remedy protectiveness determinations and Institutional Controls (ICs) inspection and enforcement;
- Review and collaboration with Region 6 technical staff on decisions regarding long-term site monitoring and maintenance (Agriculture Street, Cleve Reber, Dutchtown, D.L. Mud, Gulf States Utilities/North Ryan Street, Pab Oil, and Petro Processors);
- Assistance with and attendance at public meetings (any site as needed, and particularly: American Creosote - DeRidder, Devil's Swamp Lake, EVR-Wood Treating, SBA Shipyards; Marion Pressure Treating, and Delta Shipyard); and
- Collaboration with Region 6 regarding potential deletion of Operable Units from the NPL (Agriculture Street Landfill).

The LDEQ Remediation Division will provide the following personnel to complete the tasks outlined in the Management Assistance and Special Account Funding program element work plan:

- Senior Environmental Scientist (1);
- Geologist (1);
- Environmental Scientists (6); and
- Risk Assessment Contractor.

Tables 5 and 6 show the funding necessary to support the tasks in this work plan according to budget categories and sites.

**Table 5. Summary of Management Assistance (MA) Program Element
Budget for FY 2020 (100% Federal)**

Budget Category	Additional Funding Requested for Management Assistance* for FY 2020
Personnel	\$ 23,363
Fringe Benefits (50.35%)	11,765
Travel	2,130
Equipment	0
Supplies	0
Contractual	7,045
Construction	0
Other (Operating Services)	0
Direct Costs	44,303
Indirect costs (62.36%)	21,903
TOTAL	\$ 66,206

*Includes the Special Account site, Gulf Coast Vacuum

Table 6. Management Assistance Program Element Budget per Site for FY 2020 (100% Federal)

Object Class Categories	Agriculture Street Landfill	American Creosote DeRidder	American Creosote Winnfield	Calcasieu Estuary	Central Wood Preserving	Cleve Reber	Colonial Creosoting	D. L. Mud	Delta Shipyard
Personnel	\$ 401	\$ 2,305	\$ 1,660	\$ 553	\$ 496	\$ 922	\$ 1,847	\$ 554	\$ 1,385
Fringe Benefits (50.35%)	202	1,161	836	278	250	464	930	279	697
Travel	0	1,100	750	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Supplies	0	0	0	0	0	0	0	0	0
Contractual	0	0	0	0	0	0	1,601	0	1,601
Construction	0	0	0	0	0	0	0	0	0
Other (Operating Services)	0	0	0	0	0	0	0	0	0
Total Direct Costs	603	4,566	3,246	831	746	1,386	4,378	833	3,683
Indirect Costs (62.36% effective 07/01/19)	376	2,161	1,556	518	465	865	1,732	519	1,299
TOTALS	\$ 979	\$ 6,727	\$ 4,802	\$ 1,349	\$ 1,211	\$ 2,251	\$ 6,110	\$ 1,352	\$ 4,982

Table 6. Management Assistance Program Element Budget per Site for FY 2020 (100% Federal) Continued

Object Class Categories	Devil's Swamp Lake	Dutch-town	EVR-Wood	Gulf Coast Vacuum *	Gulf States Utilities/N. Ryan St.	Marion Pressure Treating	Pab Oil	Petro Processors	SBA Shipyard	TOTAL MA Sites
Personnel	\$ 3,688	\$ 673	\$ 2,766	\$ 554	\$ 1,034	\$ 623	\$ 554	\$ 1,106	\$ 2,242	\$ 23,363
Fringe Benefits (50.35%)	1,857	339	1,393	279	521	314	279	557	1,129	11,765
Travel	0	0	280	0	0	0	0	0	0	2,130
Equipment	0	0	0	0	0	0	0	0	0	0
Supplies	0	0	0	0	0	0	0	0	0	0
Contractual	1,281	0	961	0	0	0	0	0	1,601	7,045
Construction	0	0	0	0	0	0	0	0	0	0
Other (Operating Services)	0	0	0	0	0	0	0	0	0	0
Total Direct Costs	6,826	1,012	5,400	833	1,555	937	833	1,663	4,972	44,303
Indirect Costs (62.36% effective 07/01/19)	3,458	631	2,593	519	969	584	519	1,037	2,102	21,903
TOTALS	\$ 10,284	\$ 1,643	\$ 7,993	\$ 1,352	\$ 2,524	\$ 1,521	\$ 1,352	\$ 2,700	\$ 7,074	\$ 66,206

* *Special Account Funding*

Core Program Element Work Plan For FY 2020

The CORE section of this amendment provides a scope of work and budget to support CORE activities of the LDEQ Superfund program. LDEQ is requesting \$102,468 in new federal funding to support CORE in essential administrative and non-site specific activities for FY 2020. The federal CORE amount will be matched by a state contribution of 10% (\$11,385) for the same budget and project periods.

This new funding will allow LDEQ staff to perform Superfund Program support as described below during FY 2020 (October 1, 2019 through September 30, 2020). This amount also includes support for LDEQ's increased focus on EPA training for new staff and attendance by key staff at Superfund-related national conferences.

Table 7. CORE Program Element Budget Summary for FY 2020 (90% Federal; 10% State)

Budget Category	Total Core Funding needed for FY 2020 Work Plan		
	Federal (90%)	State (10%)	Total
Personnel	\$ 34,271	\$ 3,808	\$ 38,079
Fringe Benefits (50.35%)	17,256	1,917	19,173
Travel	18,810	2,090	20,900
Equipment	0	0	0
Supplies	0	0	0
Contractual	0	0	0
Construction	0	0	0
Other (Operating Services)	0	0	0
Direct Costs	70,337	7,815	78,152
Indirect Costs (62.36% eff. 7/1/19)	32,132	3,570	35,702
TOTAL	\$ 102,469	\$ 11,385	\$ 113,854

Tasks

The LDEQ Remediation Division (RD) will perform Superfund Program support tasks during the proposed project period (October 1, 2019 through September 30, 2020). These tasks include, but not limited to:

- Superfund site-specific cost documentation;
- Superfund source document record retention;
- Continued development and update of program-specific Standard Operating Procedures (SOPs) for the remediation program;
- Continued work with EPA Region 6 on new initiatives and policies;
- Participation in Regional Decision Team meetings;
- Participation in EPA Superfund meetings and conferences;
- Attendance at Superfund training courses provided by EPA Region 6 or other EPA Regions as available;
- Continued activities to ensure compliance with Superfund Program regulations; and
- Coordination and participation in EPA site assessment activities (PA/SI).

Resources

The LDEQ RD will provide the following personnel to complete the tasks outlined in the CORE program element work plan:

- Senior Environmental Scientists (2);
- Environmental Program Analyst;
- Staff Environmental Scientist (training and travel);
- Environmental Scientist(training and travel); and
- Geologist (training and travel).

Table 8. Schedule of Personnel Expenses -- CORE Program Element for FY 2020

Job Title	FTE Total	FY 2020 Personnel Expenses
Senior Environmental Scientist	0.1346	\$ 12,909
Senior Environmental Scientist	0.1250	11,578
Environmental Program Analyst	0.0144	574
Staff Environmental Scientist	0.0192	1,497
Environmental Scientists	0.1923	10,228
Geologist	0.0192	1,293
Total Personnel	0.5047	\$ 38,079
Federal (90%)		\$ 34,271
State (10%)		\$ 3,808

Table 9. Schedule of Travel Expenses -- Core Program Element for FY 2020

Reason for Travel	Number people	Cost per Trip	Number trips	Total Travel Expenses
Regional Decision Team Meetings (LDEQ/RD Superfund Coordinator)	1	900	2	\$ 1,800
Anticipated Superfund-related training classes to be presented in Region 6 or Region 4 by EPA (estimate 3 class days and 2 travel days)	10	1,400	1	14,000
EPA National Site Assessment Symposium (estimate 4.5 meeting days and 1.5 travel days)	3	1,700	1	5,100
Total				\$ 20,900
Amount Federal (90%)				\$ 18,810
Amount State (10%)				\$ 2,090